

**What is claimed is:**

1. Anti-alumina-buildup refractories for casting nozzles, comprising a refractory aggregate which includes 20 mass% or more of CaO component, and 10 mass % or more of clinker particles on the basis of 100 mass % of the entire composition, each of said clinker particles containing CaO as a mineral phase, wherein at least a part of the surfaces of the CaO exposed from the surfaces of said corresponding clinker particles is formed with a CaCO<sub>3</sub> film.
2. The anti-alumina-buildup refractories as defined in claim 1, wherein said CaCO<sub>3</sub> film has a thickness ranging from 0.1 to 5 μm.